

Appl. No. 10/020,922
Art Unit 1772
September 1, 2004
Reply to Office Action of June 17, 2004

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application.

Listing of Claims:

1. **(Currently Amended)** A sealant for an easily openable package for polypropylene consisting essentially of a composition comprising:

a high-pressure-processed low-density polyethylene (A) having a density (measured in accordance with ASTM D 1505) of 910 to 930 kg/m³ and a melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238) of 0.5 to 20 g/10 min, and

an ethylene/ α -olefin copolymer (B) having a density (measured in accordance with ASTM D 1505) of 860 to less than 890 kg/m³, a melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238), MFR_{2.16}, of 0.5 to 40 g/10 min and a molecular weight distribution (Mw/Mn) determined by gel permeation chromatography (GPC) of 1.5 to 3, obtained from ethylene and an α -olefin having 3 to 10 carbon atoms, ~~or~~ and

~~both of the ethylene/ α -olefin copolymer (B) and a linear low-density polyethylene (C), wherein said linear low-density polyethylene (C) has~~ (C) having a density (measured in accordance with ASTM D 1505) of 890 to 940 kg/m³ and a melt flow rate (measured under a load of 2.16

Appl. No. 10/020,922

Art Unit 1772

September 1, 2004

Reply to Office Action of June 17, 2004

kg at 190°C in accordance with ASTM D 1238) of 0.2 to 30 g/10 min, obtained from ethylene and an α -olefin having 3 to 10 carbon atoms;

wherein, in the composition, the high-pressure-processed low-density polyethylene (A) is contained in an amount of 10 to 85% by weight, the ethylene/ α -olefin copolymer (B) is contained in an amount of 10% by weight or more to less than 50% by weight, and the ~~ethylene/ α -olefin copolymer (B)~~ or said ethylene/ α -olefin copolymer (B) and said linear low-density polyethylene (C) are contained in a total amount of 15 to 90% by weight, based on the total weight of high-pressure-processed low-density polyethylene (A), ethylene/ α -olefin copolymer (B) and linear low-density polyethylene (C),

which composition exhibits a melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238) of 1 to 15 g/10 min and a melt tension (MT) measured at 190°C of 5 to 100 mN.

2. (Previously Presented) The sealant for polypropylene as claimed in claim 1, wherein said sealant comprises said ethylene/ α -olefin copolymer (B) having a ratio, $MFR_{10}/MFR_{2.16}$, of melt flow rate (measured under a load of 10 kg at 190°C in accordance with ASTM D 1238), MFR_{10} , to melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238), $MFR_{2.16}$, of 5 to 20.

Appl. No. 10/020,922

Art Unit 1772

September 1, 2004

Reply to Office Action of June 17, 2004

3. **(Previously Presented)** The sealant for polypropylene as claimed in claim 1, wherein the molecular weight distribution (Mw/Mn) determined by GPC of the linear low-density polyethylene (C), is in the range of 1.5 to 5.

4-20. **(Canceled)**